SWP Water Quality Summary

May 17, 2004

Total Dissolved Solids: During the last 30 days TDS values remained below the Article 19 Monthly Objective at all locations. TDS values are slowly increasing in the Delta and South Bay Aqueduct. The sharpest increases are seen at Checks 29 and 41, caused by releases from San Luis Reservoir. The increase at Banks Pumping Plant, Devil Canyon, and Vallecitos is more gradual.

Bromide: Bromide concentrations continue to exceed the CalFed objective. During the last 30 days bromide concentrations follow a pattern similar to TDS. The peak Bromide concentration occurred at Check 29 reflecting the higher salinity of San Luis Reservoir.

Turbidity: There was a slight increase in turbidity at Banks Pumping Plant, which peaked on May 12 and returned to background levels. Turbidity at all other locations experienced no significant changes during the past 30 days.

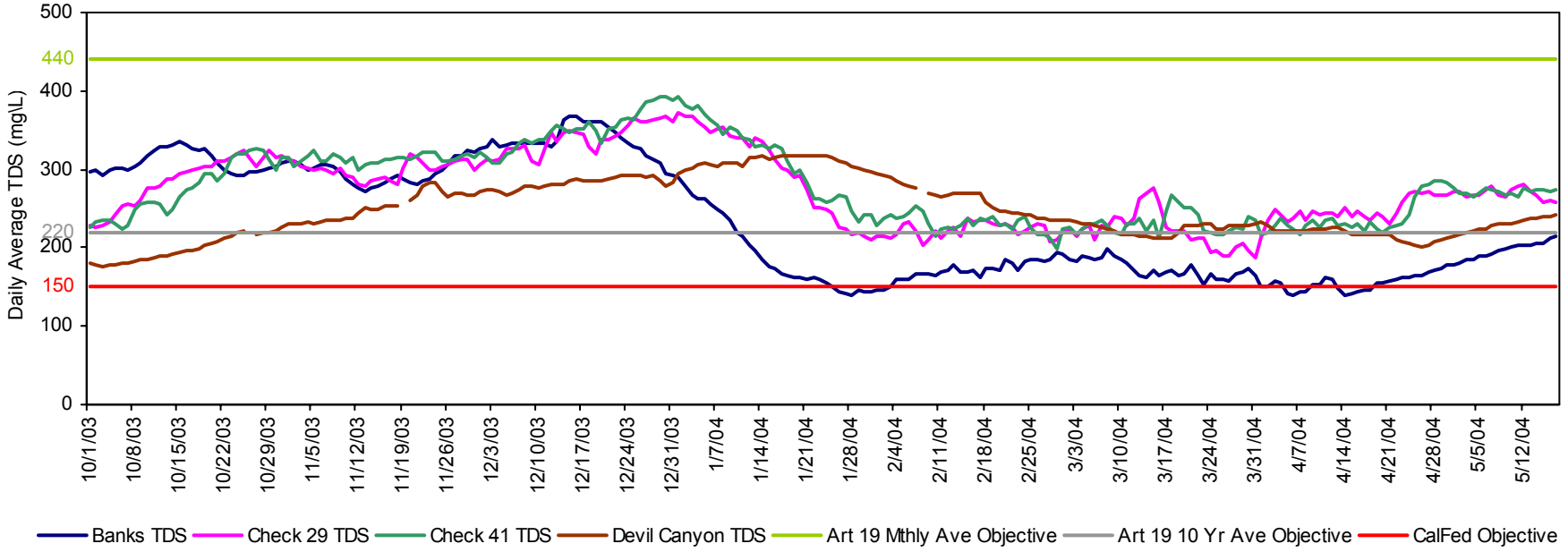
Dissolved Organic Carbon: DOC values appear to be leveling out near 3 mg\L in the California Aqueduct. The highest DOC levels are found at Banks Pumping Plant which has been increasing gradually since mid April.

Taste and Odor Compounds: MIB and geosmin were low throughout The California Aqueduct. In Clifton Court Inlet and Banks Pumping Plant, 2 ng\L of geosmin was detected on May 10, 2004; both compounds were below detection in Lake Del Valle, and the South Bay Aqueduct. In the Lake Perris outlet, surface MIB increased to 6 ng/L last week.

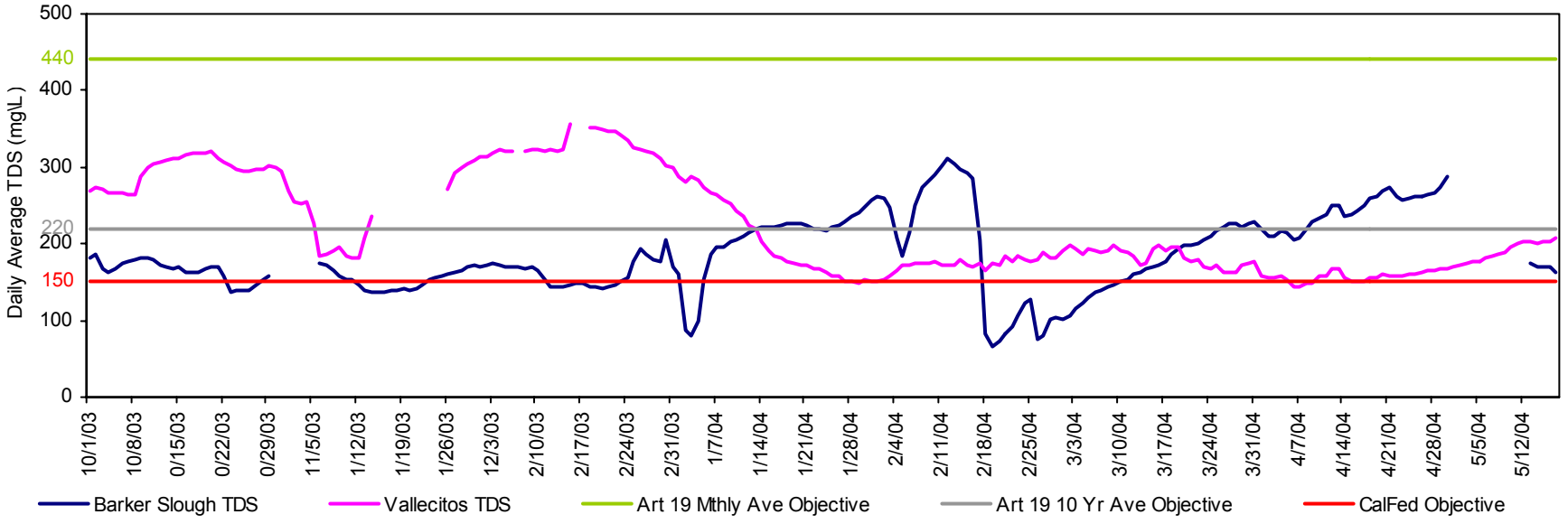
Ground Water Pump-in: No ground water pump-in during May 2003 through May 2004.

For more information refer to: http://wwwomwq.water.ca.gov **and**
http://wwwdpla.ca.gov/supply/sampling/mwq/main

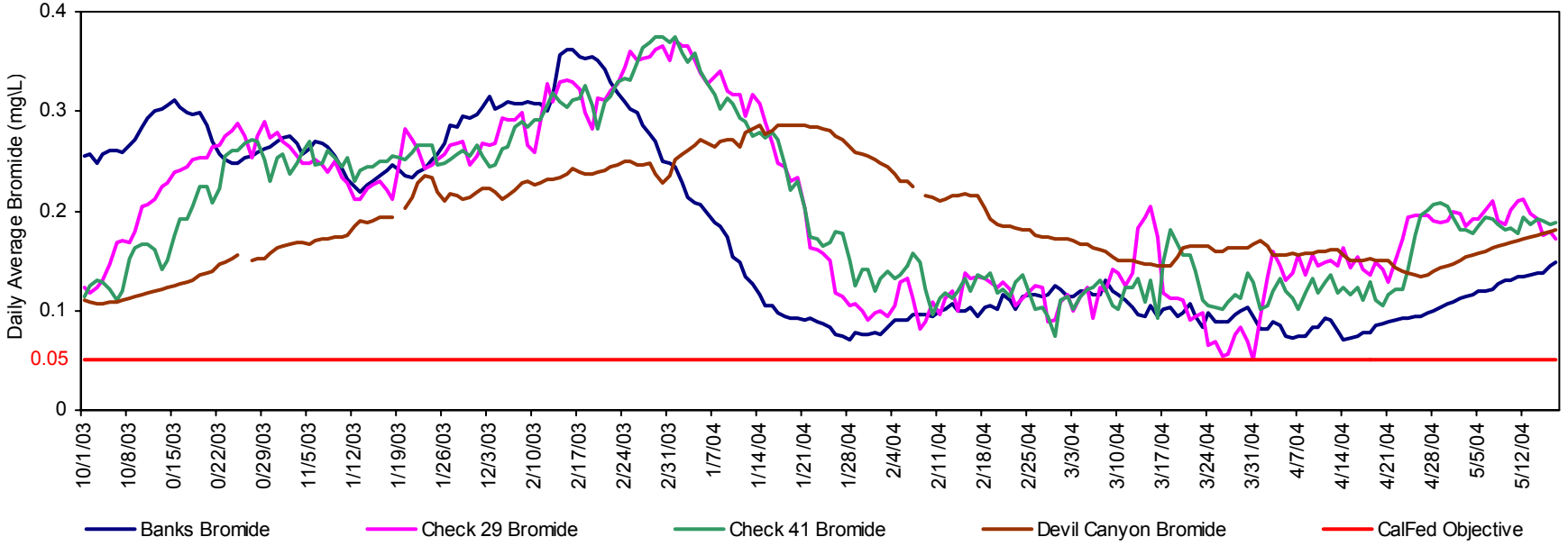
California Aqueduct - Calculated Total Dissolved Solids



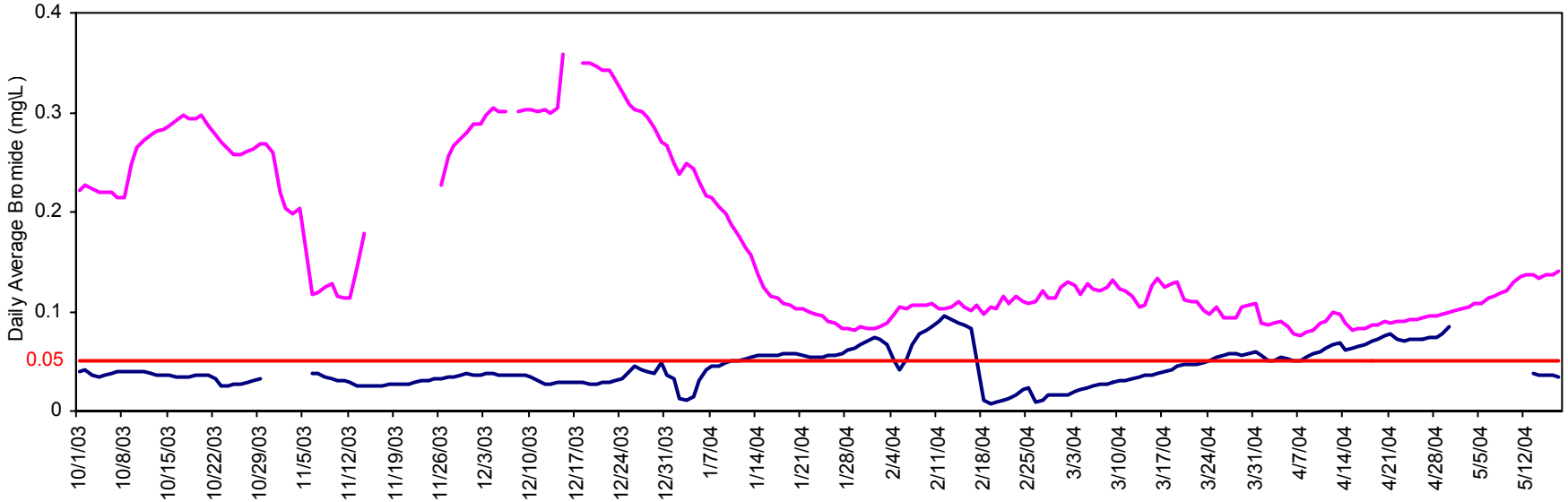
North and South Bay Aqueduct - Calculated Total Dissolved Solids



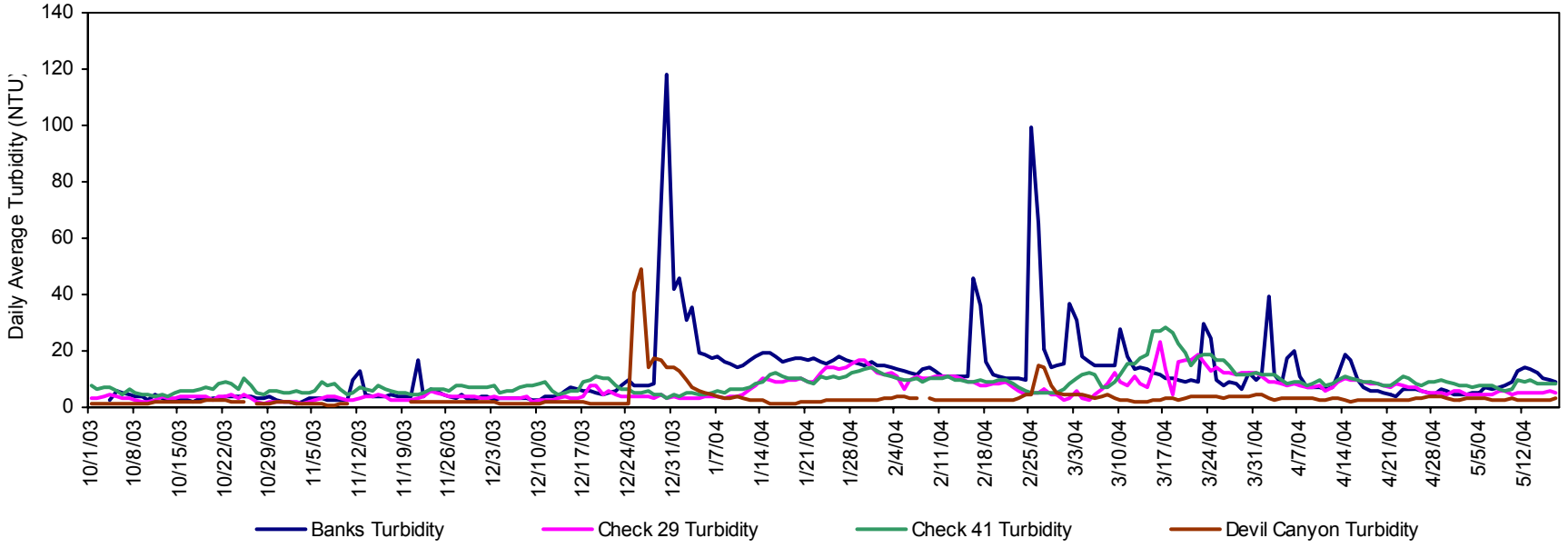
California Aqueduct - Calculated Bromide



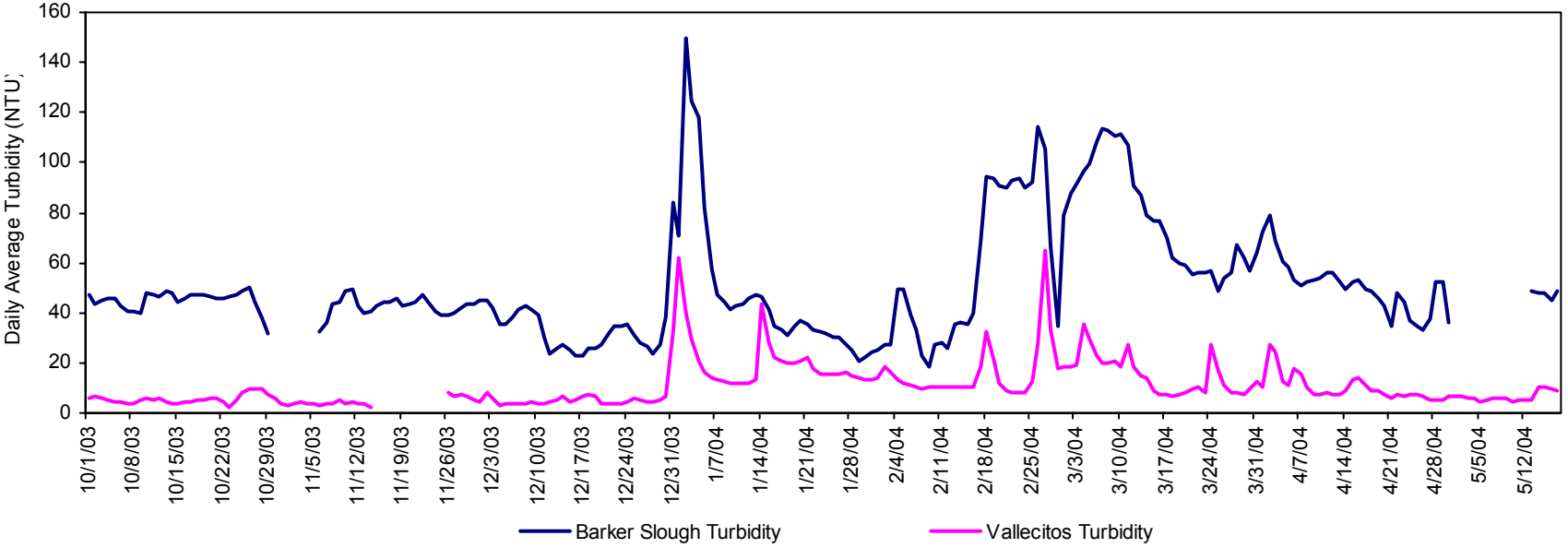
North and South Bay Aqueduct - Calculated Bromide

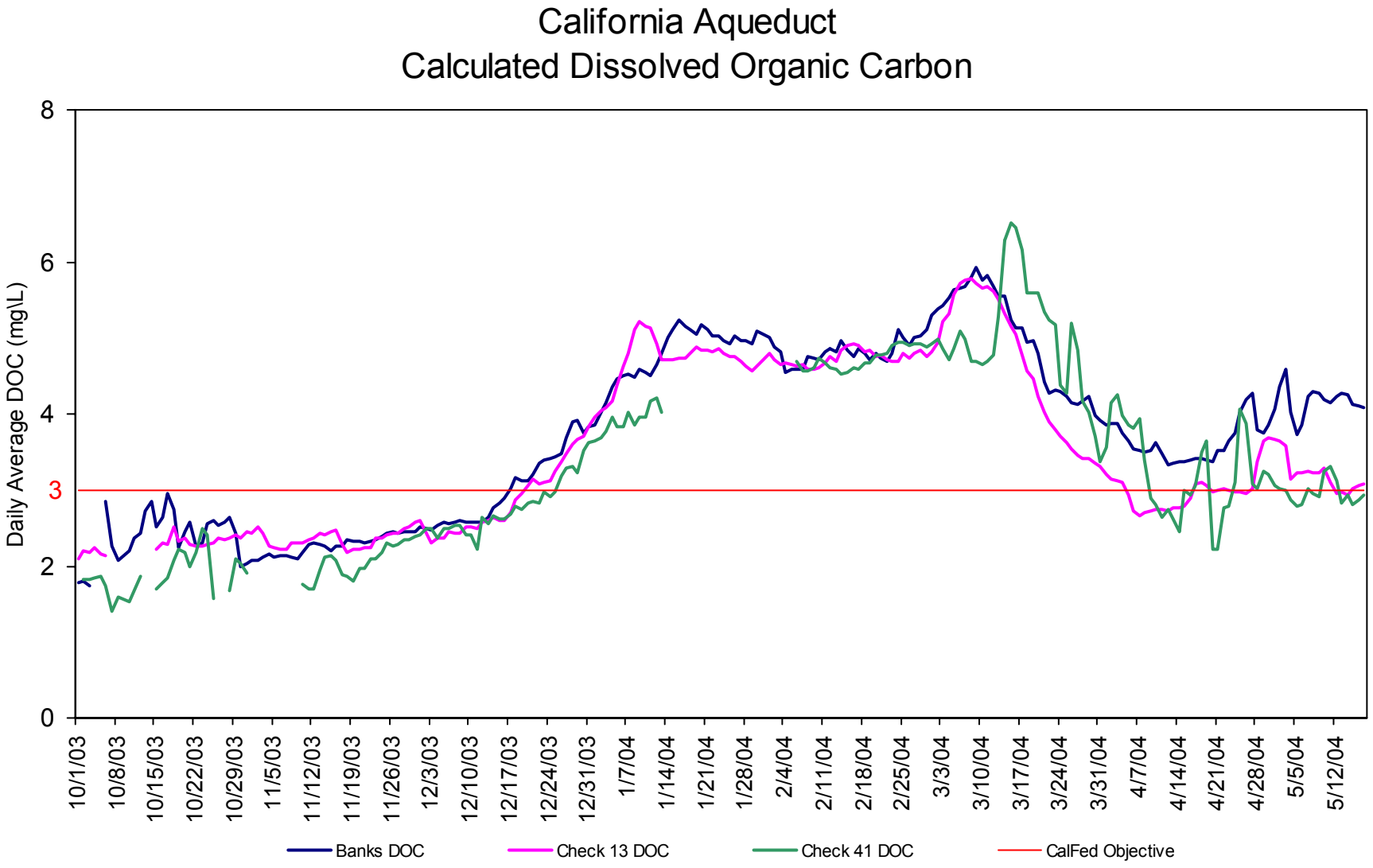


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
8
6
4
3
2
0
10/1/03
10/8/03
10/15/03
10/22/03
10/29/03
11/5/03
11/12/03
11/19/03
11/26/03
12/3/03
12/10/03
12/17/03
12/24/03
12/31/03
1/7/04
1/14/04
1/21/04
1/28/04
2/4/04
2/11/04
2/18/04
2/25/04
3/3/04
3/10/04
3/17/04
3/24/04
3/31/04
4/7/04
4/14/04
4/21/04
4/28/04
5/5/04
5/12/04
Banks DOC
Check 13 DOC
Check 41 DOC
CalFed Objective